



The Geospatial Way to a Better World

United Nations World Geospatial Information Congress

Deqing, Zhejiang Province, China

19-21 November 2018

INFORMATION NOTE

(as of 2 November 2018)

Organized by

The United Nations Department of Economic and Social Affairs

Supported by

The Ministry of Natural Resources, China

The Government of Zhejiang Province, China

Guided by

The United Nations Committee of Experts on Global Geospatial Information Management
(UN-GGIM)

Congress Website

<http://ggim.un.org/unwgic/>

<http://www.unwgic2018.org>



INTRODUCTION

The convening of the United Nations World Geospatial Information Congress (UNWGIC) arises out of the mandate from the United Nations Economic and Social Council (ECOSOC) to the Committee of Experts on Global Geospatial Information Management (UN-GGIM) – a subsidiary body of ECOSOC – to convene global forums to promote comprehensive dialogue on global geospatial information management with all relevant governments, non-governmental organizations and the private sector. The objective of the UNWGIC is to provide a convening, participatory and inclusive environment to enhance the communication, understanding, knowledge and application of geospatial information management to address local, regional and global challenges.

With an overarching theme “The Geospatial Way to a Better World”, the UNWGIC will be a truly global event bringing together all stakeholders at the highest level to address and ensure that geospatial information has its widest and fullest utility in service of social, economic and environmental development. The Congress will focus on enhancing international cooperation among participants from Member States, reflect the importance of geospatial information to support technological development, address the development and strengthening of geospatial information management systems and capacities, and demonstrate the importance of international coordination and cooperation for building a human data and geography community, against the three pillars of sustainable development, for a shared future and a better world, in which all are able to be counted within an inclusive global society.

OUTLINE PROGRAM

While the actual UNWGIC plenary programme covers three days (19 - 21 November), the overall event will be a week long, and will include global and regional meetings, exhibitions and technology showcases. Formal meetings include the seventh Plenary Meeting of the Regional Committee of United Nations Global Geospatial Information Management for Asia and the Pacific (UN-GGIM-AP) and the annual UN-GGIM Expanded Bureau Meeting. The outline programme as well as the overview of plenary, special and parallel sessions are provided below. Please visit the UNWGIC website for updated information.

Saturday - Sunday 17 - 18 November	Monday 19 November	Tuesday 20 November	Wednesday 21 November	Thursday 22 November	Friday 23 November
Meeting of UN-GGIM Working Group	Opening Ceremony	Plenary Session #2 (Attaining Sustainable Development)	Parallel Sessions (fourth series)	7th Plenary Meeting of UN-GGIM-AP & Meetings of UN-GGIM Subcommittee and Expert Group & Technical Tour & Exhibition	UN-GGIM Expanded Bureau Meeting & Meetings of UN-GGIM Subcommittee and Expert Group & Exhibition
	Parallel Sessions (first series)	Plenary Session #3 (Building Smart Societies)	Parallel Sessions (fifth series)		
	Ministerial Dialogue (Towards a More Sustainable World for All)	Parallel Sessions (second series)	Plenary Session #4 (Growing International Cooperation)		
	Plenary Session #1 (Sharing the Digital Economy)	Parallel Sessions (third series)	Issuing the Moganshan Declaration and Closing Ceremony		



Sessions	1. Measuring and Monitoring the SDGs	2. Digital Economy, Location Analytics and Big Data	3. Smart, Resilient and Sustainable Societies	4. Growing Global Geospatial Capability and Capacity	5. Geospatial Innovation, Science and Technology	6. Digital Silk Road and International Partnerships	7. Sustainable Development in Action	Special Sessions
Monday 19 th 9:30-10:45	Opening Ceremony							
11:15-12:45	Statistical-Geospatial Integration for the SDGs and 2020 Censuses	Artificial Intelligence within the Digital Economy	Artificial Intelligence and the Future of Urban Spatial Planning	FIS4SDGs: Engaging government and citizens with the SDGs	Geospatial Innovation, Science and Technology	Digital Belt and Road: Using Big Earth Data for Sustainable Development	Geospatial Information for Urban Sustainable Development	Geospatially Enabled Industry Development
14:00-15:30	Ministerial Dialogue - Towards a More Sustainable World for All							
16:00-17:30	Plenary Session #1: Sharing the Digital Economy							
18:00-20:00	<i>Welcome Reception and Dinner</i>							
Tuesday 20 th 9:00-10:30	Plenary Session #2: Attaining Sustainable Development							
11:00-12:30	Plenary Session #3: Building Smart Societies							
14:00-15:30	Geospatial Disaggregation and Aggregation for the SDGs	Intelligent Transportation and Autonomous Vehicles	Innovations in Location Intelligence for Smarter, Sustainable Cities	National Mapping and Geospatial Agencies: To Change is to Prosper	Towards the Future of Geomatics Science - Its Global Impacts	Standards That Make Innovation Possible	Natural Resources Management Underpinned by Geospatial Information	Operationalizing the Integrated Geospatial Information Framework
16:00-17:30	The Global Indicator Framework: New and Innovative Methods for Disaggregation by Geolocation	Knowledge On-demand Data Environments	Bringing New Ideas to Plan Sustainable Societies	Laws, Regulations and Policy Impacting Collection, Storage, Access and Use of Geospatial Information	Millions of Mappers: Organizing Citizen Generated Geospatial Data for Global Goals	Linking People to Land: The Framework for Effective Land Administration	Effective Visualization in Maps and Diagrams to Better Understand the SDGs	Measuring Deqing's Progress Towards the SDGs with Geo-Statistical Information
18:00-21:00	<i>Dinner and Cultural Show</i>							
Wednesday 21 st 9:00-10:30	Geospatial Innovations for Detecting and Mapping Infrastructure, Censuses and Modeled Population	Ubiquitous Location Values and Big Data Analytics	Disasters will Happen: How can we be Better Prepared?	Marine Geospatial Information: Development and Applications	National LIDAR Programs: Strategies, Data Management, and Analytics	African Action Plan on Geospatial Information for Sustainable Development	Geospatial Data to Improve Crop Yield Forecasting and Monitoring	Young Geospatial Professionals Summit
11:00-12:30	Sustainable Development Outcomes Using Geospatial Data	Innovative Techniques for Big Earth Observation Data Analysis	Spatially Enabled Future Cities	Global to National Geodetic Frameworks: Core to Building a Better World	Global Land Cover and Intelligent Analysis of Remotely Sensed Images	Strengthening National Geospatial Information Management in the Americas	A Sustainable and Resilient World: Research and Capacity Development for Implementing the SDGs	
14:00-15:30	Plenary Session #4: Growing International Cooperation							
16:00-17:30	Issuing the Moganshan Declaration and Closing Ceremony							

LANGUAGE

UNWGC will be conducted in English. Simultaneous interpretation between English and Chinese will be provided for the Opening, Closing, and Plenary Sessions.

VENUE

UNWGC will be held at the Deqing International Convention Centre and Exhibition Centre, located at the Zhejiang Geospatial Information Industrial Park in Deqing, Zhejiang Province, China.

TIME ZONE

The standard time used in all parts of China is 8 hours ahead of GMT.

REGISTRATION

UNWGC is open to a diverse group of geospatial leaders, actors and users from all stakeholder groups, including: national and international geospatial agencies and systems; academia; private sector and industry; and civil society. Prior registration is required for all participants including your accompanying persons. All participants are to submit their requests for registration online at <http://www.unwgc2018.org> but no later than **October 31, 2018**. Interested participants are encouraged to submit requests for registration as early as possible to avoid delays.



Upon receipt of your request for registration with all the required information, the UNWGIC organizers will consider your request and notify by email whether you will be invited to the Congress. The invited participants may then proceed to submit full registration information, request for an official visa letter, and make hotel bookings. After your full registration is completed, a registration confirmation letter containing a unique registration number and QR code will be sent to you by email. The registration confirmation letter is required upon arrival in Deqing for on-site registration as a participant of the UNWGIC. Should you have any inquiries about registration, please contact the host by email at info@unwgic2018.org.

On-site registration will commence from 09:00 a.m. on 17 November 2018 until 15:00 p.m. on 21 November 2018 at the Deqing Sports Centre. Please note that on-site registration is open for 24 hours from 17 November through to 19 November 2018 to cater for those who may be arriving in Deqing during late nights on 17 and 18 November or very early in the mornings on 18 and 19 November 2018. On-site registration is open until about 21:00 p.m. on 19 and 20 November.

when you first arrive into Deqing, you will proceed directly to the Deqing Sports Centre for your on-site registration. Please present the registration confirmation letter at the registration desk.

VISA

Foreigners from most countries are required to obtain a visa to enter China. For detailed visa policies, please consult your Ministry of Foreign Affairs and the Chinese Embassy or Consulate in your country. When you register online, please indicate whether you need the official visa letter and provide the necessary information required in case you need to apply for a visa. Upon receipt of the complete registration information, the host will prepare and send the official visa letter to those who required it.

HOTELS

While the Convention Centre does not provide lodgings, there are several hotels in the vicinity detailed as below. The host has made block reservations at these hotels with preferential and heavily discounted rates. Participants can make hotel room bookings through the registration system only at the Congress website: <http://www.unwgic2018.org>.



1. Novotel Deqing Moganshan (****, 0.4 km from the venue)
德清莫干山诺富特酒店, 浙江省湖州市德清县武康镇曲园南路 707 号 1 号楼
Add.: No. 1 Building, 707 Quyuan South Road, Wukang Town, Deqing.
Tel: +86 572 8838888

Room Types	Room Rates incl. Breakfast
Standard Twin Room	RMB460 (≈USD75)
Standard Double Room	RMB460 (≈USD75)
Deluxe Twin Room	RMB550 (≈USD90)
Suite	RMB870 (≈USD140)
Deluxe Suite	RMB980 (≈USD160)

2. Treasure Island International Hotel (*****, 3.9 km from the venue, shuttle bus provided)
金银岛国际大酒店, 浙江省湖州市德清县武康镇北湖东街 818 号
Add.: 818 Beihu East Street, Wukang Town, Deqing
Tel: +86 572 8819999

Room Types	Room Rates incl. Breakfast
Standard Twin Room	RMB600 (≈USD95)
Standard Double Room	RMB650 (≈USD105)
Deluxe Double Room	RMB900 (≈USD145)
Suite	RMB1000 (≈USD160)
Deluxe Suite	RMB1200 (≈USD190)

3. SSAW Boutique Hotel (****, 3.9 km from the venue, shuttle bus provided)
德清德蓝君亭酒店, 浙江省湖州市德清县武康镇北湖东街 957 号
Add.: 957 Beihu East Street, Wukang Town, Deqing
Tel: +86 572 8282666

Room Types	Room Rates incl. Breakfast
Standard Twin Room	RMB400 (≈USD65)
Standard Double Room	RMB400 (≈USD65)
Deluxe Twin Room	RMB460 (≈USD75)
Deluxe Double Room	RMB460 (≈USD75)
Suite	RMB550 (≈USD90)

TRANSPORTATION

Deqing is located in the north of Zhejiang province, with convenient transportation. There are expressways from Hangzhou, Shanghai and Nanjing to Deqing with distances of 70km, 180km, and 200km respectively. Participants can take either international or domestic flights to Hangzhou Xiaoshan International Airport, Shanghai Pudong International Airport, Shanghai Hongqiao International Airport, or Nanjing Lukou International Airport. It takes about 1.5 hours from Hangzhou to Deqing, and 3-4 hours from Shanghai to Deqing by car. **For your convenience, it is suggested that you fly to Hangzhou.**



1. Transportation from airport/train station to hotels

The host will provide shuttle bus transportation to Deqing on 17-18 November 2018 from **Hangzhou Xiaoshan International Airport, Shanghai Pudong International Airport and Deqing Railway Station**, as well as from your hotels to the above airports and train station on 22-24 November 2018.

Arrival

The pick-up shuttle bus service is provided from 07:00 am, 17 November 2018 to 24:00 p.m., 18 November 2018. Look out for the UNWGIC sign when you exit the above airports or train station. The Congress staff and volunteers will take you to the shuttle bus. The shuttle bus leaves every hour or when it is full. All the participants will first be transported to the Deqing Sports Centre for on-site registration before transferring to your hotel. When you complete the on-site registration, collect your UNWGIC badge and materials at the Deqing Sports Centre, you will then be transferred to the hotel you have booked. Your UNWGIC badge allows you access to the grounds of the Deqing International Convention Centre and Exhibition Centre.



Departure

The shuttle bus transportation for your departure will be provided from 22-24 November 2018. The detailed bus schedule will be made according to the departure flight information submitted by the participants in the registration system. The bus schedule will be posted on the website in due course and at your hotel during the Congress. Choose to take a scheduled shuttle bus to ensure you get to the airport and check in your departure flight in time. In case participant need to depart before 22 November 2018, please inform and reserve your transportation to the airport at your hotel reception at least one day in advance.

2. Instructions for those who miss the shuttle bus transportation or choose to go to Deqing on their own

If you miss the shuttle bus service or choose to go to Deqing on your own, you may consider the following options.

a) Travel to Deqing Bus Terminal or Railway Station

From Hangzhou Xiaoshan International Airport

Take an airport bus at the Hangzhou Xiaoshan International Airport directly to Deqing Bus Terminal (about 1-1.5 hours).

From Shanghai Pudong International Airport or Hongqiao International Airport

Take a taxi at the Airport to Shanghai Hongqiao Railway Station, and then take the high-speed train G7391 (departure at 18:18) or G7395 (departure at 07:27) to Deqing Railway Station (about 2 hours).

From Nanjing Lukou International Airport

Take the subway S1 at the Airport to Nanjing South Railway Station (about 1 hour), and then take the high-speed train to Deqing Railway Station (about 1.5 hour). There are approximately thirty (30) high-speed train services between Nanjing South Railway Station and Deqing Railway Station. They are scheduled at intervals from about ten minutes to one hour with the earliest departure at 06:50 (G7625) and the latest at 20:22 (D2221).

b) Transfer by taxi from Deqing Bus Terminal or Railway Station to Deqing Sports Centre

You are kindly requested to go to the Deqing Sports Centre for on-site registration before you proceed to the hotel for your check in. Shuttle buses are provided from the Deqing Sports Centre to the Congress hotels. When you complete the on-site registration, collect your UNWGIC badge and the UNWGIC materials at the Deqing Sports Centre, you will then be transferred to the hotel you have booked. Please do not proceed directly to your hotel.

Please note that on-site registration will commence from 09:00 a.m. 17 November 2018 until 15:00 p.m. 21 November 2018 at the Deqing Sports Centre, and do time your arrival into Deqing accordingly.



c) Take the shuttle bus from Deqing Sports Centre to your hotel

3. Transportation between the hotels and the venue

Shuttle buses between the Congress venue and the Congress hotels will be provided during the UNWVIC. The shuttle bus schedule will be available at the Congress website. The first shuttle bus is expected to leave the hotel for the Deqing International Convention Centre at 08:00 a.m. during the Congress (19 – 21 November 2018).

UNWVIC SOCIAL EVENTS, LUNCHESES AND DINNERS

Lunch and dinner during the Congress from 19 - 21 November 2018 will be provided by the host at the Deqing International Convention Centre. Please note that the host invites participants to -

Welcome Reception

Time:

18:00 p.m. - 20:00 p.m., 19 November 2018

Place:

Lawn on the north bank of the lake outside the Deqing International Convention Centre

Dress code:

business casual

(A buffet of Chinese and western style food will be served with a musical fountain show.)

Cultural Evening

Time:

20:00 p.m. - 21:00 p.m., 20 November 2018

Place:

Deqing Sports Centre

Dress code:

business casual

(Combining various forms of arts and innovative multimedia technologies, the cultural show will take you on a journey to our shared aspirations for a better world.)

Please note that dinner provided by the host will be at the Deqing International Convention Centre and after dinner shuttle bus transportation will be provided between the Convention Centre and the Deqing Sports Centre. Shuttle bus transportation will be available after the Cultural Evening for the return to your hotel.



TECHNICAL TOURS

Some optional technical and cultural tours will be arranged as follows for the UNWGIC participants and the registered accompanying persons. If you are interested in joining the tours, you can make reservations through the Congress registration system.

For UNWGIC Participants:

1. Local sustainable practices (08:30 a.m. - 14:45 p.m., 22 November 2018)

The technical tour participants will visit typical villages in Deqing such as Yucun Village and Wusi Village, and the renowned Mogan Mountain, to gain general appreciation of the local practices for sustainable societal, economic, and environmental development. At the Yucun Village, by strolling along early 20th century style street with old photography studios, shoe shops, small cafes and specialty restaurants, participants can observe how innovative cultural and ecological tourism supports and boosts the local economy. Wusi Village, as China's model village for green development will present participants with the scenic countryside landscape and leisurely lifestyle. The Mogan Mountain is one of the four renowned summer resorts in China for both natural beauty and history.

2. Geospatial Information Technology Museum (09:00 a.m. - 17:00 p.m., 19 - 23 November 2018)

The Geospatial Information Technology Museum is located at the Zhejiang Geospatial Information Industrial Park in Deqing. The Museum takes up 7,100 m² and comprises eight segments including a) Introduction, a) Navigation and Location Based Services, c) Aerospace and Remote Sensing, d) GIS and Web-based Geographic Information Services, e) Surveying and Mapping Engineering, f) Map Culture, g) Beautiful Deqing – Implementing the 2030 Agenda for Sustainable Development, and h) Future showcase. The Museum is open during the Congress and there is no need to make a reservation. Participants can make a visit during the Museum hours (indicated above).

3. Geospatial Technology Experience Park (09:00 a.m. - 17:00 p.m., 19 - 23 November 2018)

The Geospatial Technology Experience Park is designed to show how geospatial technologies improve our daily life. The Experience Park covers an area of approximately 133, 000 m² and comprises four parts, including smart travel, smart city, smart environment and smart equipment. It provides a scene-based and immersive experience, display of geospatial technology and applications such as self-driving vehicles, unmanned boats, remotely operated convenience stores, patrolling and peddling robots, unmanned sweepers and robotic aquatic system. The Park is open during the Congress and there is no need to make a reservation. Participants can make a visit during the Park hours (indicated above).



For Accompanying Persons:

1. Mogan Valley and Erdu Town (09:00 a.m. - 12:00 noon, 20 November 2018)

Participants will visit the Mogan Valley and the Erdu Town to learn about folk and farming culture in the Yangtze River Delta region of China, enjoy the beautiful countryside scenery of the typical “water” town. Special cultural performances such as pottery and tea making, folk arts and crafts such as shadow play, straw weaving, barrel making, and Chinese herbal medicine sachet making will be presented.

2. Yucun Village, Junanli Resort & Osman Pearl Museum (09:00 a.m. - 12:00 noon, 21 November 2018)

Participants will visit the Yucun Village, the Junanli Resort, and the Osman Pearl Museum to experience the cultural street setting of the early 20th century China, explore Deqing’s ecological homestays and boutique resort hotel, and learn the history and cultivation of cultured pearl as well the opportunity to purchase some pearl jewelry and pearl cosmetics.

ABOUT DEQING

Deqing County is situated in the northern part of Zhejiang Province, at the hinterland of the Yangtze River Delta, facing Shanghai to the east, and Hangzhou to the south. Deqing’s location in the subtropical monsoon zone ensures a mild climate and four seasons, with the average temperature throughout the year standing at 13-16°C. It has a land area of 936km² and a population of 430,000.

Deqing is featured by "50% mountains, 10% rivers and 40% farmland", and has the honour of "land of fish and rice, home of silk, place with famous mountains, land of bamboo and tea, and county of culture". Deqing has the Mogan Mountain, a national scenic area and one of China's four major summer resorts; the Xiazhu Lake, one of the most beautiful wetlands in China; and the ancient town of Xinshi, known for the thousand-year-old ancient canal and as a hundred-year-old small Shanghai.

ABOUT ZHEJIANG

Zhejiang Province is located in the southern part of Yangtze River Delta of the southeast coast of China neighbouring Shanghai. Zhejiang, which literally means a zigzagging river, is named because of Qiantang River, the largest river in the province. Hangzhou is the provincial capital. The south-north and east-west distance of the province is both about 450km. The land area is 101,800km², occupying 1.06% of the whole country and making itself one of China's smallest provinces. The population of the province is 55.9 million.



Zhejiang has fertile lands with typical south China water town characteristics, and one of the cradles of Chinese ancient civilization. Each part of Zhejiang is attractive and charming. Eastern Zhejiang is home to a flourishing Buddhist culture. Extraordinary mountainous landscapes can be found in western Zhejiang. Southern Zhejiang is resplendent with magnificent sceneries. And numerous silk towns are scattered in northern Zhejiang.

WEATHER

Deqing has four distinct seasons. During the UNWGIC, it is late autumn time. The average temperatures range from 5°C to 15°C (41°F-59°F). Casual clothing like a coat and sweater are recommended for outdoor activities.

CURRENCY

The Chinese currency is RMB. The current exchange rate is about 1 USD: 6.9 RMB. Major foreign currencies can be exchanged at banks, hotels, and airports. The recommended hotels accept major international credit cards including Visa and MasterCard, while restaurants and shops in Deqing accept cash in RMB.

ELECTRICITY

220-volt power supply is used in China for standard domestic and business purposes. Hotels generally provide wall sockets accommodating both straight two-pin plugs, and triangular three-pin plugs.





POINTS OF CONTACT

For local arrangements incl. registration, visa, accommodation and inquiries:

Local Organizing Committee for UNWGIC
Ministry of Natural Resources
No. 64 Funei Street, Xicheng District, Beijing, China
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For substantive matters:

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